CLAIMS:

1.   A locating system having a position-determining system and at least one data carrier including a position sensor, a transmitter and a receiver, characterized in that area information is stored in an information unit which is remote from the data carrier and can be transmitted to the data carrier and said data carrier transmits its position to the information

5   unit only in the case of initialization and a change of area.

2.   A locating system as claimed in Claim 1, characterized in that the data carrier has a receiver for receiving in particular area boundaries, and a memory for storing area boundaries and absolute position data, and a comparator for said data, and the information

10   unit compares the position data with the area information and transmits the boundaries of the current area to the data carrier.

3.   A method of locating an object provided with a data carrier, the data carrier receiving position data from a position-determining system, characterized in that the data

15   carrier transmits position data to an information unit, which position data is allocated to an area in the information unit, and the boundaries of the current area are transmitted to the data carrier and upon each movement of the data carrier the current position is compared with the boundaries of the current area and the new position data being transmitted to the information unit only in the case of a negative result of the comparison of the area boundaries transmitted

20   by the information unit with the current position of the mobile data carrier.

4.   A method as claimed in Claim 3, characterized in that the position data transmitted by the mobile data carrier is translated into area data in the information unit and the current area in which the data carrier is located is stored in the information unit.

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5.   A method as claimed in Claim 3 and 4, characterized in that applications interrogate the information unit for the location of a data carrier.